Examiner Cite

No

Initial\*

5

Patent Number

Kind

publisher, city and/or country where published.

Code1

Issue Date

PTO/SB/08a (01-10) Approved for use through 07/31/2012 OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE io a collection of information unless it contains a valid OMB control number

Remove

Figures Appear

Pages.Columns.Lines where

Relevant Passages or Relevant

Τ۶

|   | Application Number                    |                      | 10599692     |  |  |
|---|---------------------------------------|----------------------|--------------|--|--|
|   | Filing Date                           |                      | 2006-10-05   |  |  |
| NFORMATION DISCLOSURE   | First Named Inventor Prediman K. Shah |                      | man K. Shah  |  |  |
| STATEMENT BY APPLICANT<br>Not for submission under 37 CFR 1.99) | Art Unit                              |                      | 1633         |  |  |
|   | Examiner Name                         | Epps-Smith, Janet L. |              |  |  |
|   | Attorney Docket Numb                  | er                   | 67789-101US0 |  |  |

U.S. PATENTS

Name of Patentee or Applicant

of cited Document

|                      | ľ          |      |                                     |                              |                 |   |                     |  |  |                           |   |
|----------------------|------------|------|-------------------------------------|------------------------------|-----------------|---|---------------------|--|--|---------------------------|---|
| If you wis           | h to a     | id a | dditional U.S. Pate                 | nt citatio                   | n inform        | ation pl  | ease click the      | Add button.  |  | Add                       | _ |
|                      |            |      |                                     | U.S.P                        | ATENT           | APPLK   | CATION PUB          | LICATIONS  |  | Remove                    |   |
| Examiner<br>Initial* | Cite       | No   | Publication<br>Number               | Kind<br>Code <sup>1</sup>    | Publica<br>Date | Name of Patentee or Applicar<br>of cited Document |                     |  | Pages,Columns,Lines where<br>Relevant Passages or Relevant<br>Figures Appear |                           |   |
|                      | 1          |      |                                     |                              |                 |   |                     |  |  |                           |   |
| If you wis           | h to a     | dd a | dditional U.S. Publi                | shed Ap                      | plication       | n citation  | ninformation        | please click the Ad  | d butto  | on. Add                   |   |
|                      |            |      |                                     |                              | FORE            | GN PAT  | ENT DOCUM           | IENTS  |  | Remove                    |   |
| Examiner<br>Initial* | Cite<br>No |      | reign Document<br>mber <sup>3</sup> | Country<br>Code <sup>2</sup> |                 | Kind<br>Code <sup>4</sup>                         | Publication<br>Date | Name of Patentee or<br>Applicant of cited<br>Document Passages or Relevant<br>Passages or Relevant<br>Figures Appear |  | Ts                        |   |
|                      | 1          |      |                                     |                              |                 |   |                     |  |  |                           |   |
| If you wis           | h to a     | dd a | dditional Foreign P                 | atent Do                     | cument          | citation  | information p       | lease click the Add  | butto  | n Add                     | _ |
|                      |            |      |                                     | NON                          | I-PATE          | NT LITE   | RATURE DO           | CUMENTS  |  | Remove                    | _ |
| -                    |            | Inc  | lude name of the a                  | uthor (in                    | CAPITA          | AL LET  | TERS), title of     | the article (when a  | pprop  | riate), title of the item |   |

(book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s),

Examiner Cite

Initials\* No

# | INFORMATION DISCLOSURE | Application Number | 10596962 | Filing Date | 2006-10-05 | Filing Date | 20

|   | 1 | Chou, H., et al., Prediction of the Secondary Structure of Proteins from their Amino Acid Sequence, Advances in<br>Enzymology and Related Areas of Molecular Biology, 1976; Vol. 47, 104 pages |  |  |  |  |  |
|---|---|--|--|--|--|--|--|
|   | 2 | Margalit, H., et al., Prediction of Immunodominant Helper T Cell Antigenic Sites from the Primary Sequence, The<br>Journal of Immunology, 1987, Vol 138, pages 2213-2229                       |  |  |  |  |  |
|   | 3 | Jameson, B., et al., The Antigenic Index: a Novel Algorithm for Predicting Antigenic Determinants, 1988, Vol 4, pages<br>181-186   |  |  |  |  |  |
|   | 4 | Reyes, V., et al., Prediction of a Helioss and T Cell-Presented Sequences in Proteins with Algorithms Based on Strip-<br>of-Heix Hydrophobioty Index, 1991, Vol 202, pages 225-238             |  |  |  |  |  |
|   | 5 | Makeyutov, A., et al., ADEPT: A Computer Program for Prediction of Protein Antigenso Determinants, 1993, Vol 9, pages 291-197  |  |  |  |  |  |
|   | 6 | Pellequer, J., et al., PREDITOP: A Program for Antigenicity Prediction, 1993, Vol 3, 1 page, Abstract only   |  |  |  |  |  |
|   | 7 | Lu, S., et al., Common Principles in Protein Folding and Anligen Presentation, 1991, Vol 9, pages 238-242  |  |  |  |  |  |
|   | 8 | Raddrizzani, L., et al., Eptope Scanning Using Virtual Matrix-Based Algorithms, 2000, Vol 1, pages 179-189   |  |  |  |  |  |
| K |   |  |  |  |  |  |  |

Examiner Signature

Examiner Signature

Date Considered

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered, Include copy of this form with next communication to applicant.

See Knd Codes of USPTO Patent Documents at <a href="https://www.USPTO.GDV">www.USPTO.GDV</a> or MPEP 801.84. \*\*Enter office that issued the document, by the two-letter code (WIPO Standard ST3.). \*\*For Japanese potent documents, the endodator of the year of the rapy of the Emparts must precede the senial number of the plant document. The property is a solidated to the forecomes lands WIPO Standard STAT if potentials - Supplicant to go an ordered to the WIPO Standard STAT if potentials - Supplicant to go an ordered to the WIPO Standard STAT if potentials is suitabled.

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

| Application Number     |                  | 10599692           |  |
|------------------------|------------------|--------------------|--|
| Filing Date            |                  | 2006-10-05         |  |
| First Named Inventor   | Prediman K. Shah |                    |  |
| Art Unit               |                  | 1633               |  |
| Examiner Name          | Epps-            | ps-Smith, Janet L. |  |
| Attorney Docket Number |                  | 67789-101US0       |  |

### CERTIFICATION STATEMENT

| Please see 37 | CFR 1.9 | 7 and 1.98 | to make the | appropriate | selection( | s) |
|---------------|---------|------------|-------------|-------------|------------|----|
|---------------|---------|------------|-------------|-------------|------------|----|

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFF 1.37(e)(1).

## OR

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any involved designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(c).

- See attached certification statement.
- The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- A certification statement is not submitted herewith

# SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

| Signature  | /Hema Vakharia-Rao/ | Date (YYYY-MM-DD)   | 2011-09-01 |
|------------|---------------------|---------------------|------------|
| Name/Print | Hema Vakhana-Ran    | Registration Number | 65182      |

This collection of information is required by 3T CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is for life railed by the USPTO to process) an application. Confidentiality is governed by \$5 U.S. C. 12.0 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application from the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete his form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tradenar's Office, U.S. operatment of Commence, P. 0. Box 1450, Alexandria, V.S. 2313-1450, D. ONT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, V.S. 2313-1450.

### Privacy Act Statement

The Privacy Act of 1974 (P. L. 95.79) requires that you be given certain information in connection with your submission of the stackhold from reliable to a patient application or patient. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. (2)(2)(2) familishing of the information solicided is columbra; and (3) the principal purpuse for which the information is used by the U.S. Patient and Trademan Coffice is to process and/or cosmitine your submission related to a patient agricultant or patient. If you do not furnish the requested process and/or cosmitine your submission related to a patient agricultant or patient. If you do not furnish the requested requirement of the patient of the pati

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the sublect matter of the record.
- A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, oursyant to 5 U.S.C. S52a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records
  may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant
  to the Patent Cooperation Treaty.
- A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or hisher designee, during an inspection of records conducted by GSAs a part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 4d U.S.C. 2504 and 2506. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- A record from this system of records may be disclosed, as a routine use, to the public after either publication of
  the application presume to 58 U.S. C. 12(p) or issuance of a patent pursuant to 58 U.S. C. 151. Further, a record
  may be disclosed, subject to the limitations of 37 CFR 11, 4s as routine use, to the public if the record was filed in
  an application which became abandoned or in which the proceedings were terminated and which application is
  referenced by whither a published application is application open to public inscredions or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.